

WHAT IS CLAIMED IS:

1. A circulating type bank note depositing and dispensing machine, in which deposited bank notes are used for dispensing bank notes, being featured in that:

a bank note dispensing portion through which bank notes are dispensed and a bank note depositing portion through which bank notes are deposited are disposed on the upper side of the machine body;

an occupancy instructing portion for instructing at which left or right side a process is occupied is disposed at both the left and right sides, respectively, in the installation area of said bank note dispensing portion and bank note depositing portion on the upper side of said machine body;

a temporary storage portion for collectively storing deposited bank notes and temporarily storing the same is disposed at the front side area of said machine body; and a front side door which can collectively take out temporarily stored bank notes from the front side of said temporary storage portion for temporarily storing bank notes when depositing is not approved is disposed at the front side of the temporary storage portion of deposited bank notes so as to be openable and closable.

2. A circulating type bank note depositing and dispensing machine, in which deposited bank notes are used for dispensing

bank notes, being featured in that:

an upper structure unit and a lower structure unit are, respectively, provided on the machine body so as to be drawn out from the front side of said machine body;

in said upper structure unit, a bank note dispensing portion through which bank notes are dispensed in order from the front side thereof and a bank note depositing portion through which bank notes are deposited are, respectively, disposed on the upper front side of said machine body; an occupancy instructing portion for instructing at which left or right side a process is occupied is disposed at both the left and right sides, respectively, in the installation area of the bank note dispensing portion and bank note depositing portion on the upper front side of said machine body; a temporary storage portion for collectively storing deposited bank notes and temporarily storing the same is disposed at the front side area of said machine body; taking-in and taking-out means is provided which takes deposited bank notes sheet by sheet in the temporary storage portion for temporarily storing deposited bank notes and at the same time takes out temporarily deposited bank notes sheet by sheet when depositing is approved; a front side door which can collectively take out temporarily stored bank notes from the front side of said temporary storage portion for

temporarily storing bank notes when depositing is not approved is disposed at the front side of the temporary storage portion of deposited bank notes so as to be openable and closable; and an upper structure unit side bank note conveying portion is disposed which conveys bank notes by connecting the bank note dispensing portion, bank note depositing portion and temporary storage portion of deposited bank notes; a bank note identifying portion which identifies bank notes is disposed at bank note conveying portion of the upper structure unit;

in the lower structure unit, a reject box which accommodates rejected bank notes is disposed at the front side area of said machine body; denominated bank note storage portions which accommodate bank notes per denomination are disposed in the front and rear direction in the rear area of said reject box; a bank note receiving and taking out portion which receives bank notes and takes out the same sheet by sheet is disposed in said respective denominated bank note storage portion; and bank note conveying portion of a lower structure unit which conveys bank notes by connecting the bank note receiving and taking-out portions is disposed; and

in any one of said machine body and said lower structure unit, a covering member which covers up the lower structure unit when the lower structure unit accommodated in said machine

body is closed, a first connection passage which connects bank note conveying portion of said upper structure unit and bank note conveying portion of said lower structure unit, and a second connection passage which connects bank note conveying portion of said upper structure unit and said reject box are respectively disposed; and a first opening for said first connection passage and a second opening for said second connection passage are provided in said covering member.

3. The circulating type bank note depositing and dispensing machine as set forth in Claim 2, wherein said covering member is fixed on the machine body and is capable of opening bank note conveying portion of said lower structure unit, said respective denominated bank note receiving and taking-out portion and respective denominated bank note storage portion when the lower structure unit is drawn out.

4. The circulating type bank note depositing and dispensing machine as set forth in Claim 2 or 3, wherein said upper structure side bank note conveying portion, bank conveying portion of lower structure unit and first connection passage are capable of reversing the conveying direction of bank notes.

5. The circulating type bank note depositing and dispensing machine as set forth in any one of Claims 1 through 4, wherein said temporary storage portion of deposited bank notes includes

a plurality of engagement members which vary the tip end engagement position of bank notes taken in said temporary storage portion of deposited bank notes in response to the dimension in width in the taking-in direction of the bank notes; and is capable of positioning the rear ends of bank notes at a temporary storage position which can be taken out by the taking-in and taking-out means with the rear ends thereof matched regardless of the dimension in width in said taking-in direction.

6. The circulating type bank note depositing and dispensing machine as set forth in any one of Claims 1 through 5, wherein bank notes in the bank note depositing port and bank note dispensing port are visible from both the upward front side and the upward rear side.

7. The circulating type bank note depositing and dispensing machine as set forth in any one of Claims 1 through 6, wherein the bank note depositing port and bank note dispensing port accommodate bank notes in an erect state; and said bank note dispensing port includes a transparent shutter that is closed when dispensing bank notes and is opened after the dispensing is carried out, and the bank notes in said bank note dispensing port are visible from both the upward front side and the upward rear side.